AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-28 (canceled)

29. (previously presented) A system for facilitating three-dimensional movement of a suspended object comprising:
an object having a set of associated line support elements;
an X line coupled to a plurality of sides of said object and configured to move via said set of associated line support elements;
an X junction configured to relocate said X line to effectuate X movement of said object;
a Y line coupled to a plurality of sides of said object and configured to move via said set of associated line support elements;
a Y junction configured to relocate said Y line to effectuate Y movement of said object; and,
a Z movement device configured to displace said X line and said Y line to effectuate Z movement of said object.

30. (previously presented) The system of claim 29 wherein said X line and said Y line are two line sides of a contiguous line..

31. (previously presented) The system of claim 29 wherein said set of line support elements allow said X line and said Y line to pass through said set of line support elements and comprise components which control movement of said X line and said Y line.

32. (previously presented) The system of claim 29 further comprising:

said X junction comprising an X movement motor having an X movement device coupled with said X line;

said Y junction comprising a Y movement motor having a Y movement device coupled with said Y line; and,

a Z movement motor coupled with said Z movement device.

33. (previously presented) The system of claim 32 further comprising an electrical generator and electronic drive units coupled to said X movement motor and said Y movement motor and said Z movement motor.

34. (previously presented) The system of claim 29 further comprising a dynamometer for measuring the tension of said Z movement device.

35. (previously presented) The system of claim 29 further comprising an isolator associated with said object.

36. (previously presented) The system of claim 35 wherein said isolator comprises passive stabilization.

37. (previously presented) The system of claim 35 wherein said isolator comprises active stabilization.

38. (previously presented) The system of claim 35 wherein said isolator comprises active stabilization in at least one first axis and passive stabilization in at least one second axis.

39. (previously presented) The system of claim 35 where said isolator is configured to support a vertical camera assembly supported at approximately the center of gravity of said vertical camera assembly.

40. (previously presented) The system of claim 35 wherein said isolator is configured to support a camera assembly away from the center of gravity of said camera assembly.

41. (previously presented) The system of claim 29 wherein said object is coupled with a mechanical claw.

42. (previously presented) The system of claim 29 wherein said object is coupled with a hoist or loader.

43. (previously presented) The system of claim 29 wherein said object is coupled with a mining scoop.

44. (previously presented) The system of claim 29 wherein said object further comprises a downward pointing camera for remotely viewing from the position of said object.

45. (previously presented) The system of claim 29 wherein said object comprises at least one person.

46. (previously presented) The system of claim 29 further comprising at least three supports.

47. (currently amended) A method for facilitating three-dimensional movement of a suspended object comprising:

relocating an X line associated with a platform with an X junction to effectuate X-movement of said platform;

relocating a Y line associated with said platform with a Y junction to effectuate Y-movement of said platform; and,

displacing said X line and Y line with a Z movement device to effectuate Z-movement of said platform .

48. (previously presented) The method of claim 47 wherein said X line and said Y line are two line sides of a line.

49. (previously presented) The method of claim 47 further comprising:
isolating an object coupled to said platform from line movement.

50. (previously presented) The method of claim 47 further comprising:
stabilizing an object passively coupled to said platform from line movement.

51. (previously presented) The method of claim 47 further comprising:
stabilizing an object actively coupled to said platform from line movement.

52. (previously presented) The method of claim 47 further comprising:
obtaining pictures from a photographic device coupled to said platform.

53. (currently amended) A system for facilitating three-dimensional movement of a suspended object comprising:
means for relocating an X line associated with a platform with an X junction to effectuate X-movement of said platform;
means for relocating a Y line associated with said platform with a Y junction to effectuate Y-movement of said platform; and,
means for displacing said X line and Y line with a Z movement device to effectuate Z-movement of said platform.

54. (previously presented) The system of claim 53 wherein said X line and said Y line are two line sides of a single line.

55. (previously presented) The system of claim 53 further comprising:
means for isolating an object coupled to said platform from line movement.

56. (previously presented) The system of claim 53 further comprising:
means for stabilizing an object passively coupled to said platform from line movement.

57. (previously presented) The system of claim 53 further comprising:
means for stabilizing an object actively coupled to said platform from line movement.

58. (previously presented) The system of claim 53 further comprising:
means for obtaining pictures from a photographic device coupled to said platform.